

PRODUCT SPECIFICATION FOR INFORMATION

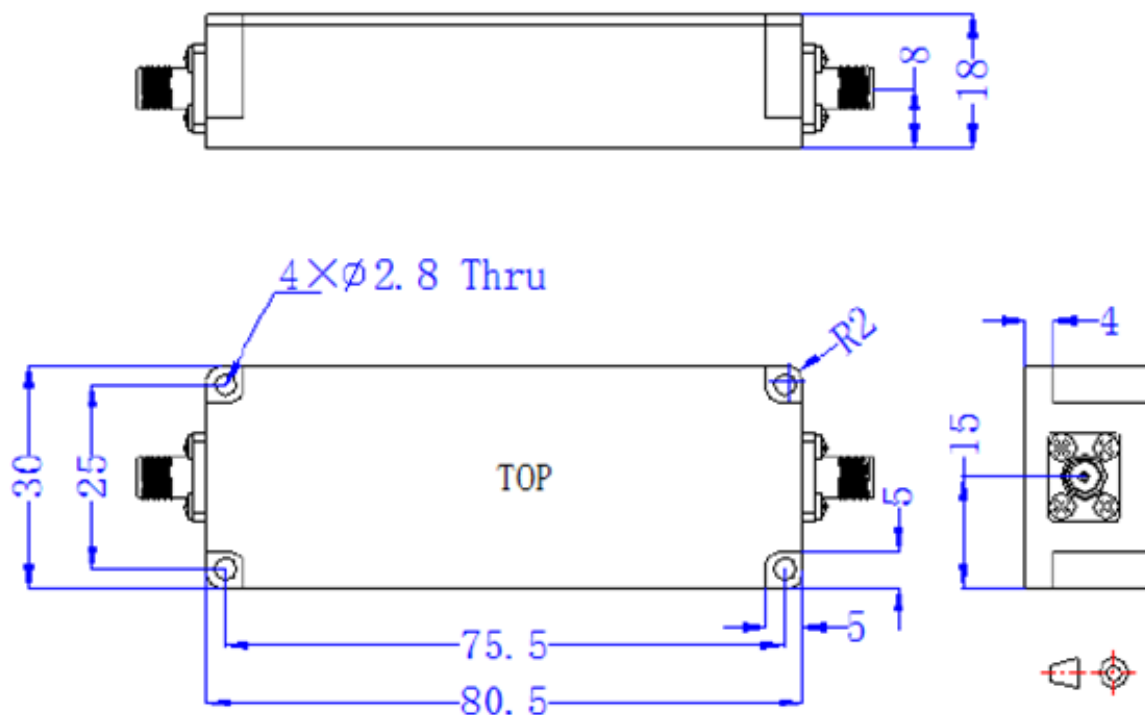
PRELIMINARY SPECIFICATION

Product Name : BPF 0.8~2.7GHz

Part No : MBP-C1750_1900MS-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.04.02	Jeffrey Chung	Michael Jeon
2	R1	Re-design	2026.04.17	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Passband	0.8~2.7 GHz	OK
2. Center Frequency	1750MHz	OK
3. Bandwidth	1900MHz	OK
4. Insertion Loss in Passband	2.5dB Max.	Proposal
5. Return Loss	12dB Min..	Proposal
6. Rejections	20dB Min.@ DC~640MHz	OK
	40dB Min.@ 3.2~6GHz	OK
7. Power Handling	120 W Max CW	OK
8. In/Out Impedance	50 Ohm	OK
9. Connectors	SMA(F)	OK
10. Dimension [WxDxH]	30.0 x 80.5 x 18.0 mm	Proposal
11. Finish	Black Color Epoxy coating (expect bottom)	OK

Remarks: This is a preliminary datasheet for reference.

■ Environmental Specification

Parameter	Specification	Remark
1. Operating Temperature Range	-30 ~ +85℃	OK
2. Storage Temperature Range	-45 ~ +95℃	OK
3. Altitude	-1200ft ~ 25kft	OK
4. Shock	MIL-STD-810F, Method 516.5, 40G, non-operational mode	OK
5. Vibration	MIL-STD-202F, Method 214. Test condition letter E 16.9G RMS	OK

■ Simulation Curve

